

## **CLAIMS**

What is claimed is:

5 1. In a vehicle dispatch system having a dispatch center and a plurality of wireless communication devices, a method for communication between the dispatch center and the plurality of wireless communication devices comprising:

10 receiving a request for dispatch including an assignment location; generating an assignment message including a location parameter, wherein the location parameter corresponds to the assignment location; and sending an assignment message including a location parameter from the dispatch center to the plurality of wireless communication devices, wherein the assignment message is a wireless message transmitted from the dispatch center to the wireless communication device over a radio frequency channel, and further wherein each wireless communication device having a current location:

15 receives the assignment message including the location parameter from the dispatch center, compares the location parameter to the current location of the wireless communication device, processes the assignment message when the location parameter corresponds to the current location of the wireless communication device, and automatically deletes the assignment message when the location parameter does not correspond to the current location of the wireless communication device.

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30 2. A method for communication between the dispatch center and a plurality of wireless communication devices as recited in Claim 1 further comprising: generating an alert in response to the processing of the assignment message.

3. A method for communication between the dispatch center and a plurality of wireless communication devices as recited in Claim 2 further comprising: transmitting a reply to the dispatch center.
- 5 4. A method for communication between the dispatch center and a plurality of wireless communication devices as recited in Claim 3 wherein the reply is transmitted in response to a user input.
- 10 5. A method for communication between the dispatch center and a plurality of wireless communication devices as recited in Claim 3 wherein the assignment message is received on a first communication channel and the reply is transmitted on a second communication channel.

6. In a vehicle dispatch system having a dispatch center and a plurality of wireless communication devices, a method for communication between the dispatch center and the plurality of wireless communication devices

5 comprising:

receiving a request for dispatch including an assignment location;  
generating an assignment message including an address, a location parameter, and a data, wherein the location parameter corresponds to the assignment location; and

10 sending an assignment message including the address, the location parameter, and the data from the dispatch center to the plurality of wireless communication devices, wherein the assignment message is a wireless message transmitted from the dispatch center to the wireless communication device over a radio frequency channel, and further wherein each wireless communication device having a current location:

15 receives the assignment message including the address, the location parameter, and the data from the dispatch center, compares the address in the received assignment message to a

20 device address stored in a memory of the wireless communication device,

25 compares the location parameter to a current location stored in the memory of the wireless communication device using a matching criteria for detecting an affirmative match in response to receipt of the assignment message including the location parameter and the address matching the device address location parameter to the current location of the wireless communication,

30 generates an alert in response to the detection of an affirmative match, and

processes the data of the assignment message in response to the detection of an affirmative match.

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7. A method for communication between a dispatch center and a plurality of wireless communication devices as recited in Claim 6 wherein the matching criteria is a perimeter surrounding the assignment location.
- 5 8. A method for communication between a dispatch center and a plurality of wireless communication devices as recited in Claim 6 wherein the matching criteria is a driving distance from the assignment location.
- 10 9. A method for communication between a dispatch center and a plurality of wireless communication devices as recited in Claim 6 wherein the matching criteria is a travel time to the assignment location.
- 15 10. A method for communication between a dispatch center and a plurality of wireless communication devices as recited in Claim 6 further comprising: transmitting a reply from the wireless communication device to the dispatch center in response to processing the assignment message.
- 20 11. A method for communication between a dispatch center and a plurality of wireless communication devices as recited in Claim 10 wherein the reply is transmitted in response to a user input.
- 25 12. A method for communication between a dispatch center and a plurality of wireless communication devices as recited in Claim 10 wherein the assignment message is received on a first communication channel and the reply is transmitted on a second communication channel.

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